

101.7 - Tool Steels (chip form) [150-g units]

Technical Contact: john.sieber@nist.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	50c	132b	134a	2172
Description	Tungsten-Chromium-Vanadium Steel	Tool Steel (AISI M2)	Tool Steel, Mo-W-Cr-V	S-7 Tool Steel
Unit of Issue	(150 g)	(150 g)	(150 g)	(150 g)
C	0.7193	0.864	0.808	0.480
Mn	0.3417	0.341	0.218	0.61
P	0.0222	0.012	0.018	0.008
S	0.006367		0.007 (Grav)	
S (Comb)		0.004	0.007	0.0031
Si	0.3102	0.185	0.323	0.263
Cu	0.0792	0.088	0.101	0.083
Ni	0.0686	0.230	0.088	1.04
Cr	4.128	4.38	3.67	3.11
V	1.158	1.83	1.25	0.234
W	18.445	6.28	2.00	
Sn	0.0183			
As	0.0225			
N	0.0117			

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Unit of Issue	(150 g)	(150 g)	(150 g)	(150 g)
Mo	0.0821	4.90	8.35	1.37
Co	(0.035)	0.029		